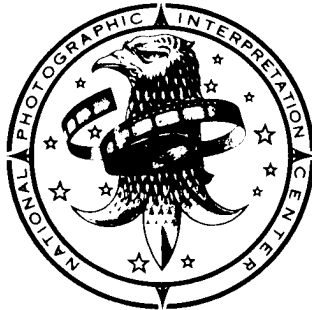


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(See inside cover)



Summary Report

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

SOVIET CRUISE MISSILE COASTAL DEFENSE FACILITIES

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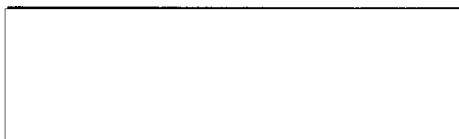
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NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
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Soviet Cruise Missile Coastal Defense Facilities

An analysis of Soviet naval cruise missile antishipping coastal defense facilities made [redacted] reveals the deployment of a balanced force that seems to place considerable reliance upon a predominantly mobile concept and one that is augmented by a selected number of hardened cruise missile launch sites. 25X1

The mobile concept is centered around seven centralized or primary support facilities (Figure 1*). The SEPAL system, a mobile cruise missile system, is deployed from the facilities. It uses the SS-N-3b cruise missile or a possible variant of the missile (Figure 2).

Although the coastal defense forces first achieved a degree of mobility with the SSC-2b (SAMLET) missile system, the basic deployment doctrine remained tied to fixed launch positions. As the SEPAL replaced the outdated SAMLET, less reliance was placed on the fixed positions. The majority of the SAMLET positions were deactivated and allowed to deteriorate. In the Pacific Fleet area there are three centralized support facilities, one each at Ryurik, Korsakov, and Petropavlovsk. These facilities provide coastal defense support to an area extending from Ryurik, which is east of Vladivostok, to Korsakov on the Gulf of Aniva at the southern end of Sakhalin Island and on to the Petropavlovsk Kamchatskiy area, which is on the southeastern side of the Kamchatka Peninsula.

Ryurik and Petropavlovsk are old SAMLET facilities while Korsakov is a relatively new facility identified in late 1975. Korsakov was apparently constructed as a replacement for Dalnaya SAMLET Support Facility and its launch sites, which were deactivated around late 1973. At Ryurik and Petropavlovsk the missile checkout and storage facilities are in separately secured areas, whereas at Korsakov all functions are collocated. All of the facilities have adequate vehicle storage for at least eight translaunchers and sufficient space to accommodate all support equipment.

The units at Ryurik and Petropavlovsk have occasionally conducted SEPAL training exercises within one of the old SAMLET launch areas; however, no training has been observed at Korsakov. With the road network available to these facilities, training could be conducted almost anywhere within the immediate area. An example of this was seen in late 1974 at Ryurik, when six SEPAL translaunchers were parked in an offroad position in what appeared to be a possible training exercise.

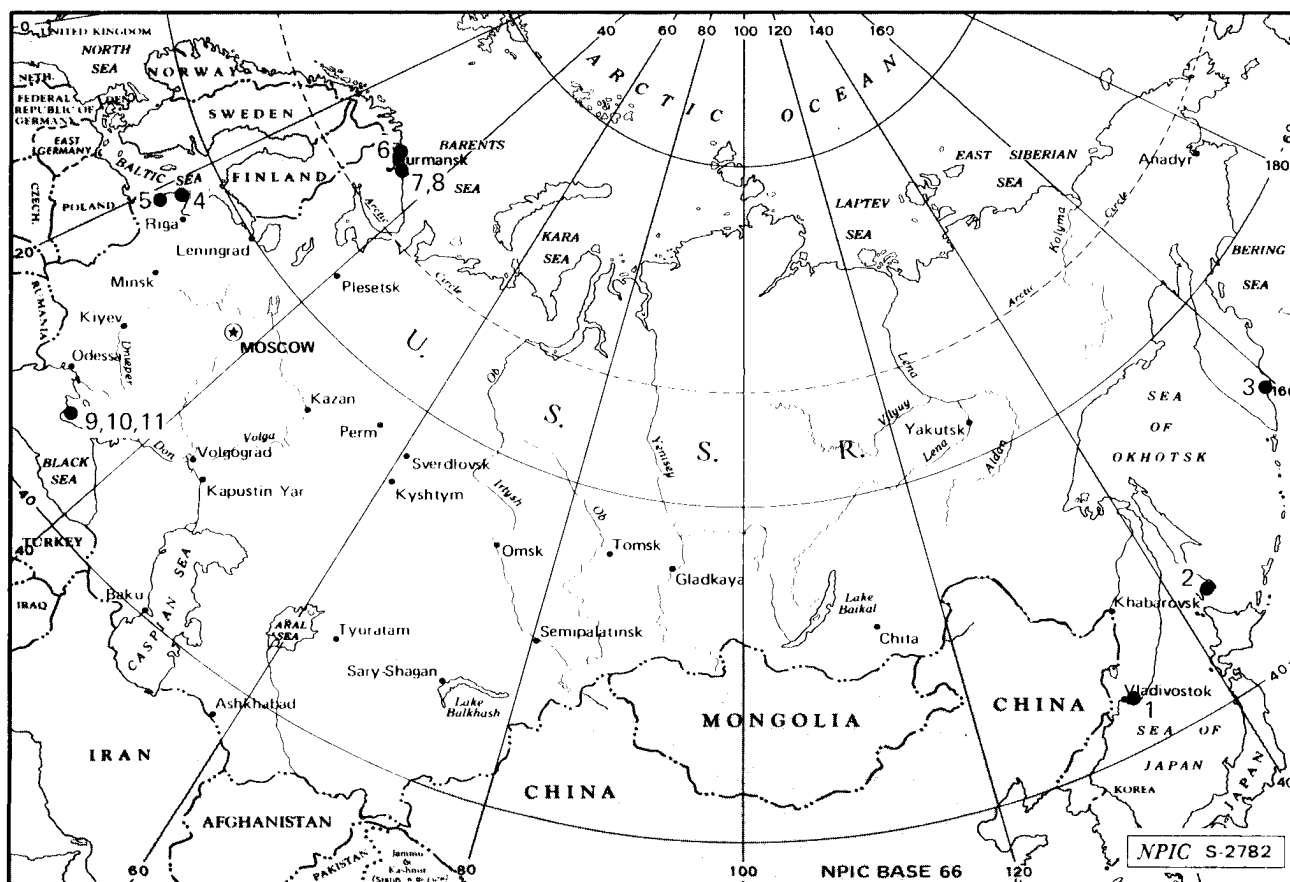
In the Baltic Fleet area there are two centralized support facilities, one at Ventspils and the other at Donskoye. Both of the facilities were previously associated with fixed SAMLET launch sites which have been allowed to deteriorate. The Ventspils facility has more than adequate space for vehicle and airframe storage. A new eight-bay vehicle storage building similar in size to those seen in the Pacific Fleet area used for storing translaunchers is under construction. Field training exercises using SEPAL equipment have been observed at launch sites bulldozed in sand dunes on the beach.

(Continued p. 4)

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ITEM	INSTALLATION NAME	FLEET AREA
1	Ryurik Cruise Missile Support Facility*	Pacific
2	Korsakov Cruise Missile Support Facility*	Pacific
3	Petropavlovsk Cruise Missile Support Facility*	Pacific
4	Ventspils CM Support Facility and CMLS†	Baltic
5	Donskoye Cruise Missile Support Facility*	Baltic
6	Mys Kekurskiy Cruise Missile Support Facility*	North
7	Vostochnyy Kildin Cstl Def Site 1 CM	North
8	Vostochnyy Kildin Cstl Def Site 2 CM	North
9	Sevastopol Cruise Missile Stor Fac*	Black Sea
10	Balaklava Cruise Missile Site 1	Black Sea
11	Balaklava Cruise Missile Site 2	Black Sea

†Centralized or primary support facility.

FIGURE 1. LOCATION OF SUPPORT FACILITIES FOR SEPAL MISSILE SYSTEM, USSR

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At Donskoye considerable expansion was seen within the facility. The expansion consist of the addition of three arch-roofed storage bunkers and an eight-bay vehicle storage building under construction. The building is the type used for translauncher/transporter storage.

In the Northern Fleet area, a support facility is at Mys Kekurskiy and two hardened launch sites are on Kildin Island. The Mys Kekurskiy facility is an old SAMLET complex consisting of a support facility and a launch site. Only the support facility has been retained. Several arch-roofed structures and support buildings have been added to the checkout and storage area. Within the facility is a vehicle storage building that could accommodate the SEPAL translauncher. However, neither the SEPAL translauncher nor the missile transporters have been seen [REDACTED]

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On Kildin Island, approximately 55 nautical miles east-southeast of the Mys Kekurskiy facility, are two hardened coastal defense sites. These sites are equipped with the twin-tube Kresta I launcher. Each launch position is connected directly to an underground missile handling and storage facility.

In the Black Sea Fleet area, the centralized storage facility is at Sevastopol and two hardened launch sites are at Balaklava. Only one of the three old SAMLET launch sites at Sevastopol has been retained; it has been converted into a probable training site. This facility differs from the other cruise missile support facilities in that it does not have an onsite missile storage capability. It receives its missile support directly from the nearby Sevastopol Naval Missile Storage.

The Black Sea Fleet was the first of the fleet areas to use the hardened site concept. The major difference between the Kildin Island sites and those at Balaklava is that the latter has an offsite support facility approximately 1 mile to the rear while maintaining an onsite missile storage capability.

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List of Conversion Factors by Classification

UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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